

ABSTRACT OF THE DISCLOSURE

In a solid-state image pickup device in which a large number of photoelectric converters are disposed in a shifted-pixel layout, a charge transfer channel configuring a vertical transfer CCD includes a section having a first width and being contiguous to a readout gate region and a section having a second width and being separated therefrom. The first width is less than the second width. Alternatively, a relative positional relationship between each photoelectric converter and the readout gate region corresponding thereto is fixed for all pixels. This makes it possible to easily prevent the event in which the light collecting efficiency and sensitivity of each pixel vary between two adjacent pixel rows. It is also possible to increase the pixel density while suppressing the decrease in area of the light receiving section of each pixel.

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